

FIG.1

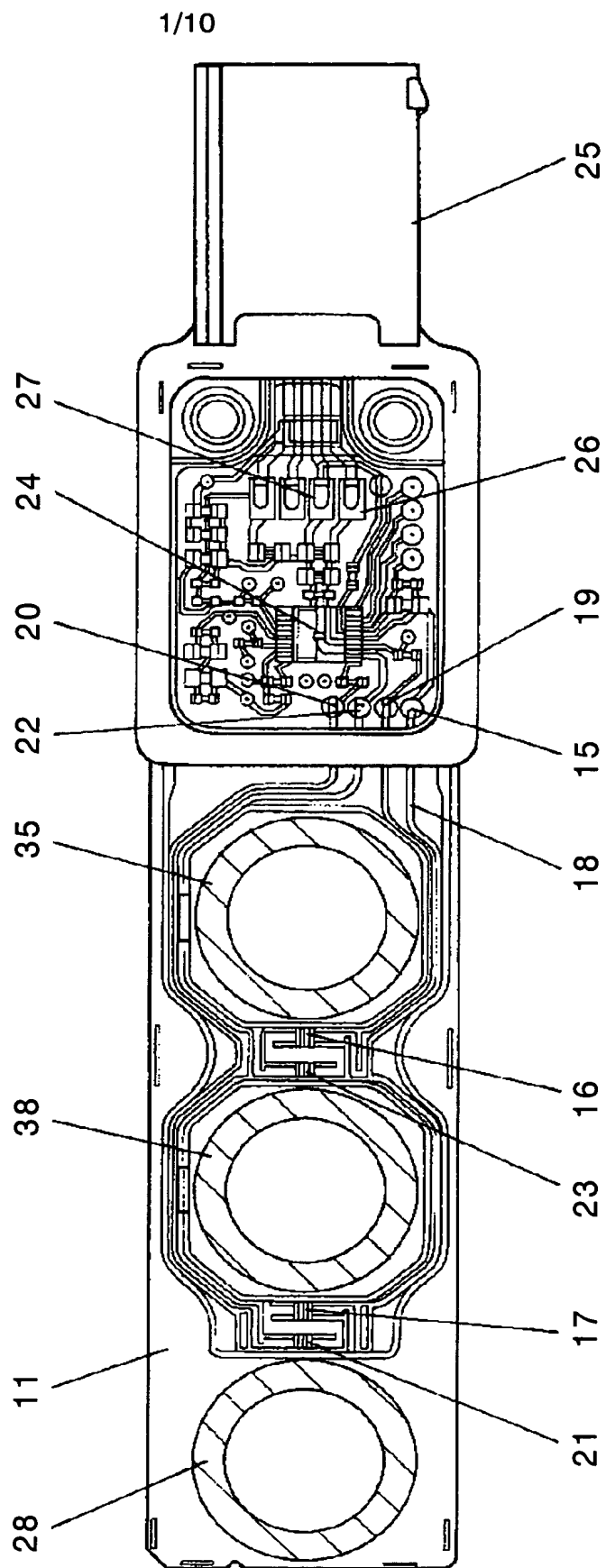


FIG.2

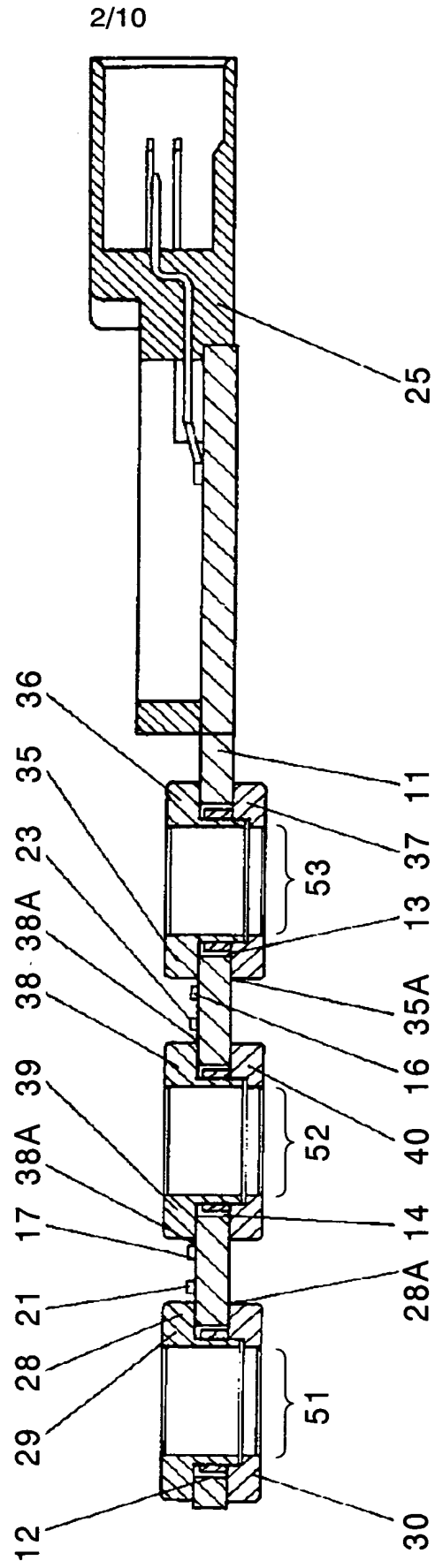


FIG.3

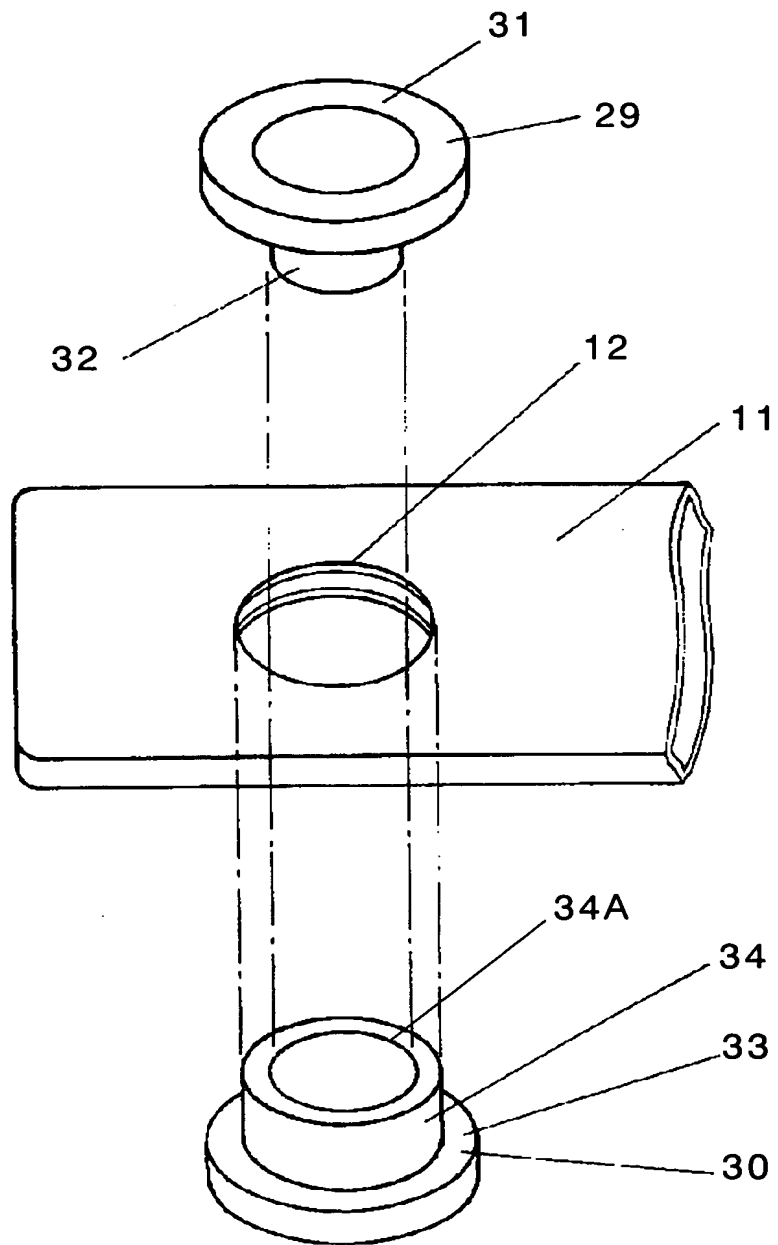


FIG.4

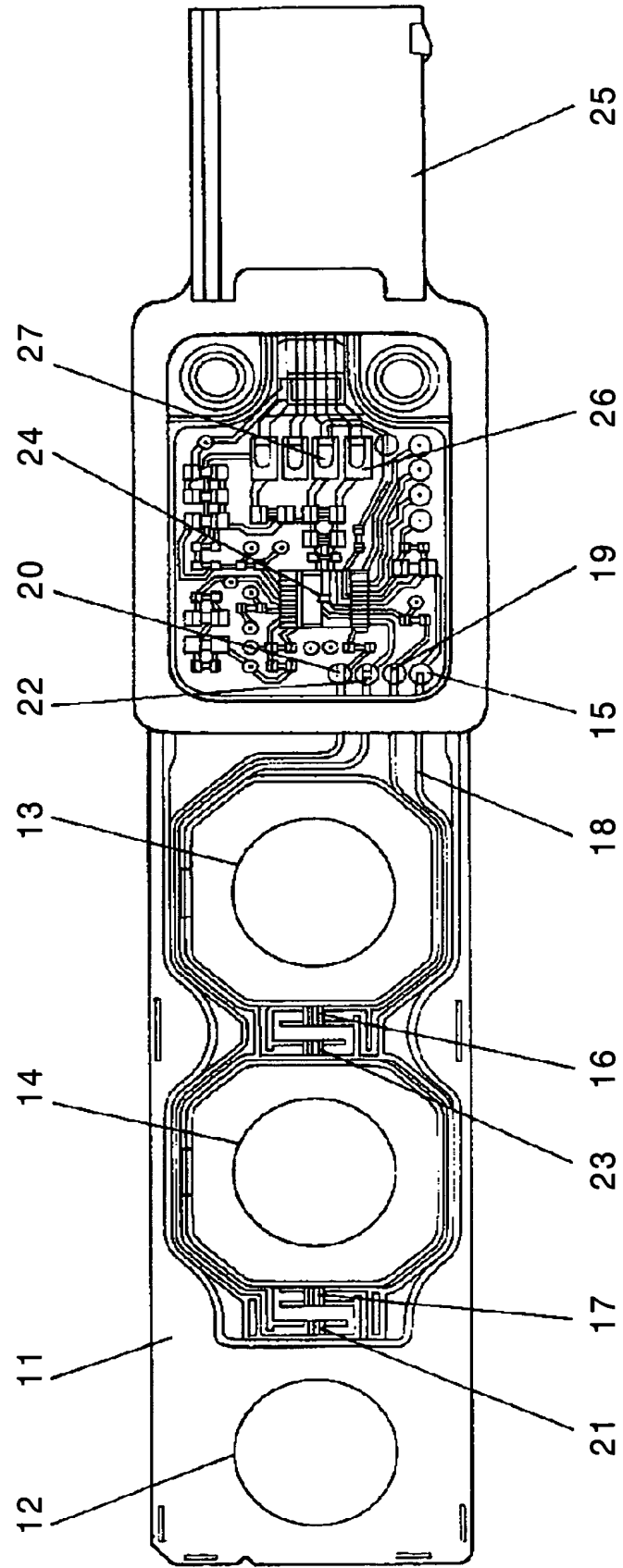


FIG.5

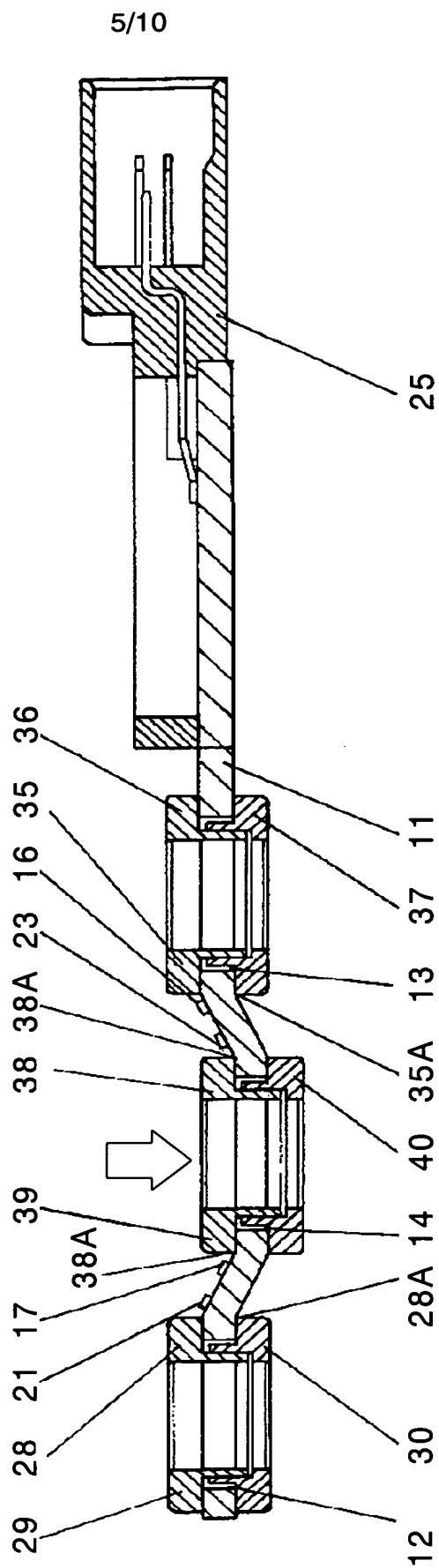


FIG.6

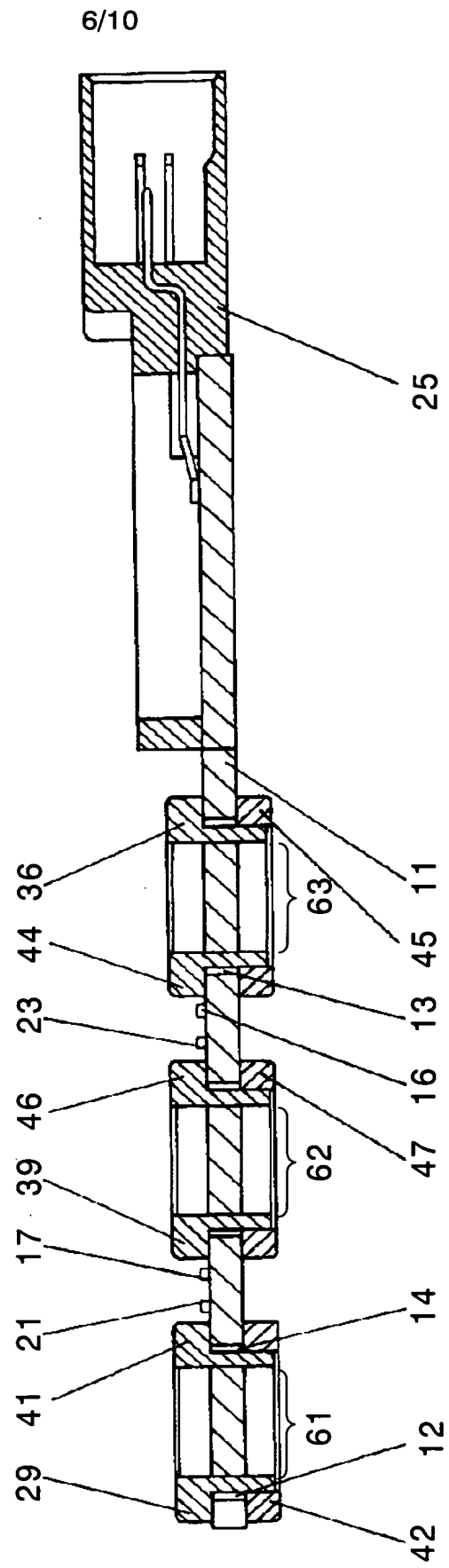


FIG.7

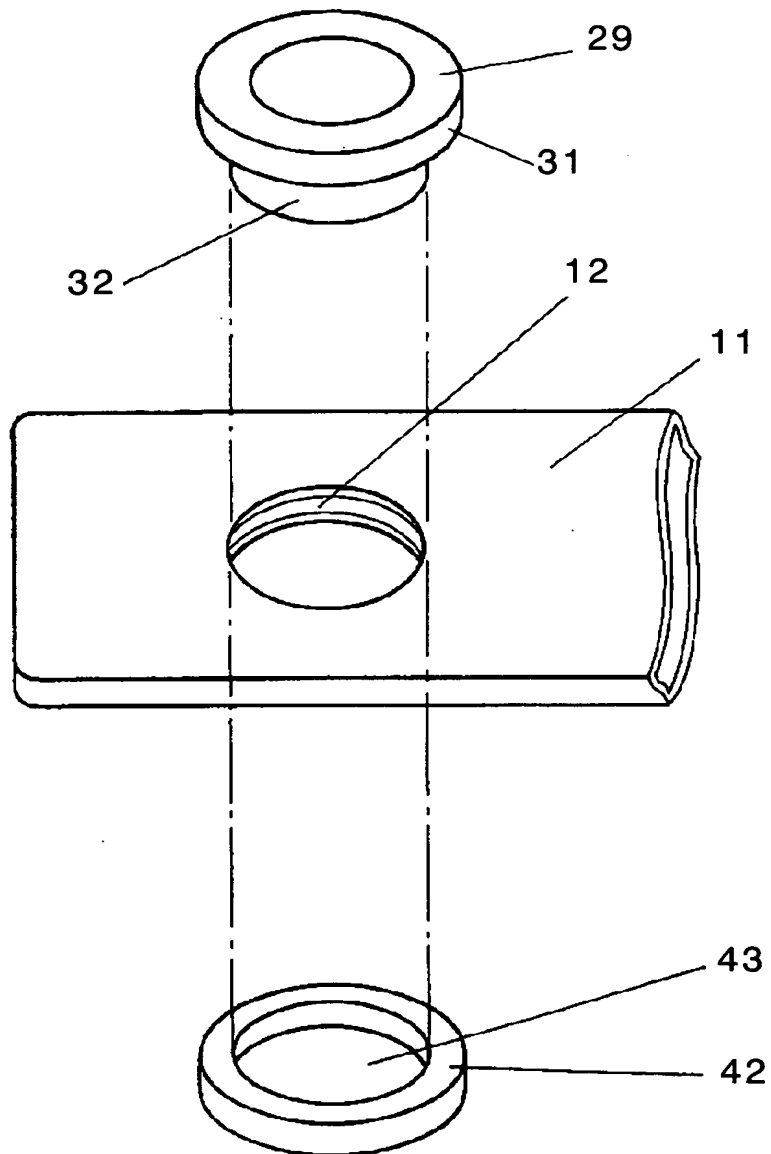


FIG.8

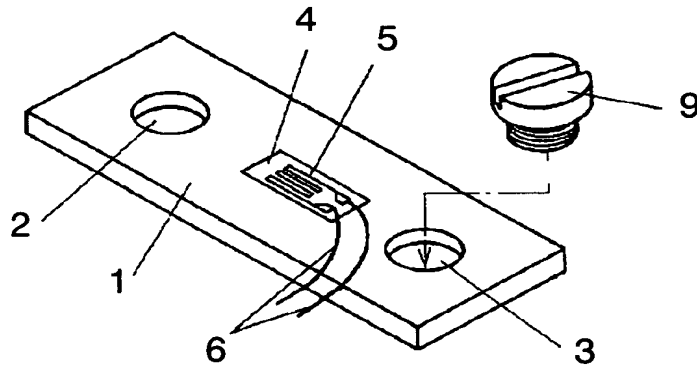
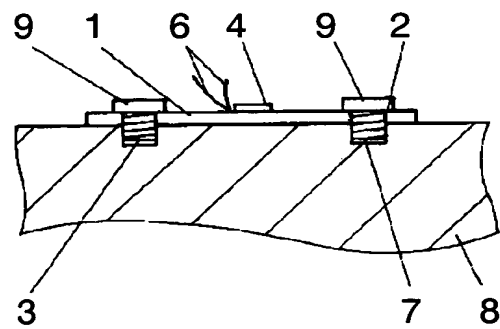


FIG.9





**REFERENCE MARKS IN THE DRAWINGS**

- 1      Sensor substrate
- 2      First fixing hole
- 3      Second fixing hole
- 4      Strain-detecting element
- 5      Element portion
- 6      Lead
- 7      Internal thread
- 8      Detection target
- 9      External thread
- 11     Sensor substrate
- 12     First fixing hole
- 13     Second fixing hole
- 14     Detection hole
- 15     Power electrode
- 16     First strain-detecting element
- 17     Second strain-detecting element
- 18     Circuit pattern
- 19     First output electrode
- 20     Second output electrode
- 21     Third strain-detecting element
- 22     GND electrode
- 23     Fourth strain-detecting element
- 24     IC
- 25     Connector
- 26     External power electrode
- 27     External GND electrode

- 28 First fixing member
- 28A End
- 29 First upper washer
- 30 First lower washer
- 31 Contact head
- 32 Insertion part
- 33 Contact head
- 34 Insertion part
- 34A Internal periphery
- 35 Second fixing member
- 35A End
- 36 Second upper washer
- 37 Second lower washer
- 38 Detection member
- 38A End
- 39 Upper washer of detecting portion
- 40 Lower washer of detecting portion
- 41 First fixing member
- 42 First lower washer
- 43 Hole
- 44 Second fixing member
- 45 Second lower washer
- 46 Detection member
- 47 Lower washer of detecting portion
- 51, 52, 53, 61, 62, 63 Hole